

# Converting Colors

CIELCh(62, 44.175, 351.139)

Have a look what the booklet for  
CIELCh(62, 44.175, 351.139)  
contains.

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**Color**

**CIELCh(62, 44.440, 351.218)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D976A3
RGB	217, 118, 163
RGB Percent	85%, 46%, 64%
CMY	0.1485, 0.5368, 0.3603
CMYK	0.00, 0.46, 0.25, 0.15
HSL	333°, 57%, 66%
HSV	333°, 46%, 85%
XYZ	41.7648, 30.4025, 38.3706
YIQ	152.7310, 44.5590, 34.9830

# Conversions

## Conversions Part 2

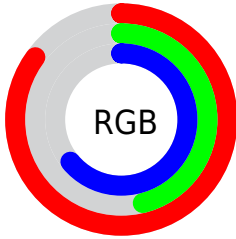
Format	Color
R <sub>Y</sub> B	217, 118, 163
Decimal	14251683
CIE Lab	62.00, 43.92, -6.78
CIE LCh	62, 44.440, 351.218
Yxy	30.4025, 0.3778, 0.2750
Android (android.graphics.Color)	4292441763 (0xFFD976A3)
YUV	152.7310, 5.0626, 56.3639
Hunter-Lab	55.1385, 38.7130, -2.6626

# Details

The CIELCh color **62, 44.440, 351.218** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **80, 41.562, 161.404**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 38.437, 343.755**, and **42, 44.312, 351.637** is the 20% darker color. If you saturate the color by 10%, you get **58, 53.422, 352.897**, and if you desaturate by 10%, it is **67, 34.809, 349.816**.

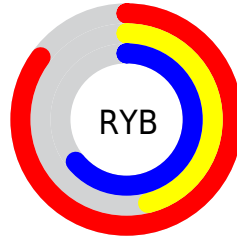
# Distribution



Red (85%)

Green (46%)

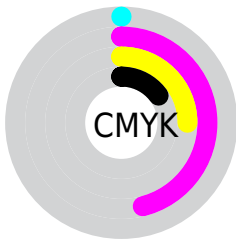
Blue (64%)



Red (85%)

Yellow (46%)

Blue (64%)

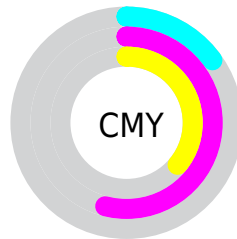


Cyan (0%)

Magenta (46%)

Yellow (25%)

Black (15%)



Cyan (15%)

Magenta (54%)

Yellow (36%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 44.440, 351.218 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 62, 44.440, 351.218 by changing the saturation by 10% instead.



 62, 44.440,  
351.218

 62, 44.440,  
351.218


 100, 44.440,  
351.218


 52, 44.440,  
351.218


 82, 44.440,  
351.218

 42, 44.440,  
351.218

 92, 44.440,  
351.218

 32, 44.440,  
351.218

 22, 44.440,  
351.218

 12, 44.440,  
351.218

 2, 44.440, 351.218

 0, 44.440, 351.218

62, 44.440,  
351.218

62, 44.440,  
351.218

58, 53.422,  
352.897

67, 34.809,  
349.816

54, 61.285,  
354.956

72, 24.918,  
348.614

51, 67.526,  
357.537

78, 15.033,  
347.556

48, 71.787, 0.812

83, 5.326, 346.574

47, 74.065, 4.941

89, 4.107, 165.934

47, 74.773, 6.938

95, 13.216,  
165.102

97, 13.814,  
179.136

97, 12.731,  
198.656



# Harmonies

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



62, 44.440, 351.218



80, 41.562, 161.404

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62, 44.440, 351.218



62, 44.440, 41.218



62, 44.440, 171.218



62, 44.440, 221.218

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



62, 44.437, 351.219



91, 15.345, 347.410



59, 58.350, 312.425



47, 10.622, 347.627



0, 0.000, 0.000



53, 0.007, 296.813





# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62, 44.437, 351.219



67, 60.222, 352.879



62, 41.086, 26.476



43, 5.472, 346.953



37, 63.227, 6.132



6, 24.661, 357.667



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



62, 44.437, 351.219



67, 60.222, 352.879



80, 29.320, 200.855



43, 5.472, 346.953



37, 63.227, 6.132



6, 24.661, 357.667



# Previews

## White Background



This preview shows how the CIELCh color 62, 44.440, 351.218 looks on a white background.

## Color Contrast Check

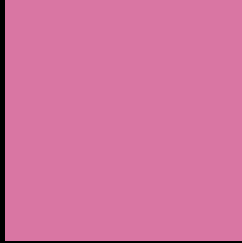
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the CIE LCh color 62, 44.440, 351.218 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# CIELCh 62, 44.440, 351.218

## Background



This preview shows how black text looks on a background with the CIELCh color 62, 44.440, 351.218.



This preview shows how white text looks on a background with the CIELCh color 62, 44.440, 351.218.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

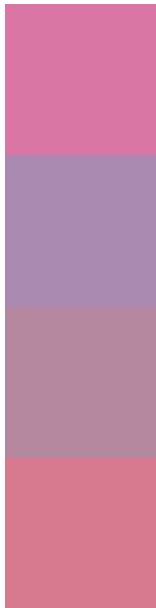






**Tritanopia**  
62, 37.359, 16.188

# Trichromacy



**Original Color**  
62, 44.440, 351.218

**Protanomaly**  
62, 24.453, 321.026

**Deuteranomaly**  
62, 21.889, 344.026

**Tritanomaly**  
62, 38.845, 6.066

# Monochromacy



**Original Color**  
62, 44.440, 351.218

**Achromatopsia**  
63, 0.008, 296.813

**Achromatomaly**  
62, 16.885, 346.988

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 62, 44.440, 351.218 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(217, 118, 163)` looks like.

```
.text, #text, p{  
    color:rgb(217, 118, 163)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(217, 118, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 118, 163) }
```

## Border

The CSS property to change the border of an element to CIELCh 62, 44.440, 351.218 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 118, 163) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(217, 118, 163) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(217, 118, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 118, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 118, 163);  
box-shadow:4px 4px 4px 4px rgb(217, 118,  
163) }
```

# Background

The CSS property to change the background color of an element to CIELCh 62, 44.440, 351.218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 118, 163) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(217,  
118, 163) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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